

FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and
Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

520.36525CX1

Not yet assigned

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

KAWAMAE, et al

(Use several sheets if necessary)

FILING DATE

November 7, 2001

GROUP

2616

JCS79 U.S. PTO

09/986090

11/07/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TH/	5 9 6 0 0 8 1	9/99	Vynne et al	380	10	
↓	5 7 2 1 7 8 8	2/98	Powell et al	382	100	
↓	5 9 0 5 8 1 9	5/99	Daly	382	284	
↓	5 5 6 8 5 7 0	10/96	Rabbani	382	238	
/TH/	6 0 0 5 6 4 3	12/99	Morimoto			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/TH/	6 6 3 2 9	1/94	Japan			XX	
↓	9 8 2 7 5 1 0	6/98	PCT				
↓	8 4 0 5 1 3	5/98	European				
/TH/	8 0 5 6 0 0	11/97	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/TH/	Bender et al, Techniques for Data Hiding, IBM Systems Journal, vol. 35, Nos. 3 & 4, 1996, pp. 313-335.
↓	K. Kido, et al "Improvement of MRI Image Quality by a Directional Adaptive Filter", Systems and Computers in Japan, vol. 28, No. 10, 1997, 99-69-76.
↓	Papers of IEICE of Japan, D-II vol. J79-D-II, No. 8, pp. 1347-1353.
↓	JPEG Compression: "Digital Compression and Continuous-Tone Still Images", ISO/IEC/0918-1
↓	Bors and Pitas: "Image Watermarking using DCT Domain Constraints" Proceeding of 3rd IEEE International Conference on Image Processing, 16-19 September 1996, pages 231-234.
↓	Nikkei Electronics 1997.2.24 (683) pp. 99-107 "Digital Watermark protects multi-media age"
/TH/	W. Pennebake et al, "Still Image Data Compression Standard" JPEG, pp. 335-353.

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/TH/	5 7 3 7 4 1 7	4/98	Buynak et al			
↓	5 8 2 2 4 2 5	10/98	Ezaki et al			
↓	5 5 3 0 7 5 9	6/98	Braudaway et al			
↓	5 5 6 1 7 2 4	10/98	Kido et al			
/TH/	5 7 4 8 7 6 3	5/98	Rhoads			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
/TH/	0 5 8 1 3 1 7	2/94	European				
↓	0 6 1 2 0 5 4	8/94	European				
↓	9 5 2 0 2 9 1	7/95	PCT				
/TH/	9 6 4 1 4 6 8	12/96	PCT				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/TH/	5 6 0 6 6 0 9	2/97	Houser et al			
↓	5 6 3 6 2 9 2	6/97	Rhoads			
↓	5 8 4 8 1 5 5	12/98	Cox			
↓	5 8 5 9 9 2 0	11/99	Doly et al			
/TH/	5 8 8 9 8 6 8	3/99	Moskowitz et al			

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/TH/	9 6 3 6 1 6 3	11/96	PCT				
↓	9 6 2 6 0 0 5	8/96	PCT				
↓	9 7 1 4 2 4 9	4/97	PCT			Eng. Abst.	
↓	0 7 6 6 4 6 6	4/97	European				
↓	0 6 5 1 5 5 4	5/95	European				
/TH/	9 1 3 0 7 6 6	5/97	Japan				XX

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/TH/	W. Bender, et al "Data Hiding Technology for Supporting Electronic Watermark (Upper)" Nikkei Electronics, No. 683, 2/24/97, pp. 149-162.
/TH/	S. Shimizu, et al "Pixel Block Coding for Digital Still Images", IBM Japan, Ltd., Tokyo Research Lab. pp. 257-258.

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	5	5	8	1	7	2	4	10/96	Kido et al	DUPLICATED		
	5	7	4	8	7	6	3	5/98	Rhoads			

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	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
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/TH/	8	1	6	1	4	8	3	6/96	Japan			XX	
/TH/	9	2	3	8	0	3	1		Japan				XX
/TH/	0	9	0	1	2	7	6	3/01	European				

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